Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 02 Dec 2020 until 23:59 on Thursday 03 Dec 2020

Forecast Issued on Tuesday 01 Dec 2020 at 16:15

Confidence: High for a change to generally colder and unsettled conditions but low for details, especially with regard to rain/snow mix and wind details with low pressure becoming centred over the UK.

Headline for Wednesday 02 Dec 2020: Cloudy start with outbreaks of rain then brighter but colder with wintry showers

Mountain weather hazards on Wednesday 02 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Light rain	Sunny intervals	Sunny intervals	Sleet showers (night)	Sleet showers (night)
Precipitation probability							
20%	40%	60%	60%	20%	20%	30%	30%

Forecast for Wednesday 02 Dec 2020

Weather: Cloudy with patchy light rain, the rain becoming more persistent towards dawn. A cloudy start to the day with outbreaks of rain with brighter conditions spreading southeast through the second half of the morning. The afternoon sees sunny spells and occasional mainly light wintry showers, these falling increasingly as snow above about 450m. During the evening the showers may become heavy at times.

Chance of cloud free mountain/hill tops above 600m: Little chance at first, with periods or persistent cloud above 450m and patches below, becoming around 60% by midday with occasional above 600m.

Visibility: Good falling to several kilometres in rain and drizzle, becoming very good or excellent by late morning but falling to a kilometre at times in snow showers and perhaps a few hundred metres in any heavier evening showers.

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Forecast for Wednesday 02 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 SW	9/17 SW	13/20 SW	13/20 SW	14/20 W	15/22 W	15/23 W	16/25 SW	17/26 SW
300	1/7 SW	3/11 SW	4/13 SW	6/16 SW	9/18 W	8/18 W	7/20 W	11/24 SW	12/25 W
Valley	1/5 E	1/8 W	2/11 W	4/15 W	7/16 W	8/20 W	5/16 W	9/24 SW	9/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-0	3/-0	4/-0	4/0	3/-2	2/-4	1/-5	0/-5	0/-6
300	2/1	4/2	4/3	6/4	6/3	4/1	3/-0	3/-2	2/-3
Valley	4/3	5/4	5/4	6/5	7/5	6/3	4/2	4/0	4/0
Freezing Level*	1700m	1700m	1600m	1400m	900m	700m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note increasingly cold temperatures and chill effect through the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 01 Dec 2020	0mm	7mm	9.6mm

Forecast for Thursday 03 Dec 2020

Weather: Occasional snow showers, perhaps heavy at times, continue through the early hours with a few clear spells. Then a bright morning with further snow showers, the showers perhaps, especially across the south, merging to give a longer spell snow, with rain or sleet below about 300m, for a time in the afternoon.

Maximum wind: Southwesterly 20-25mph, gusts around 40mph over ridges and summits, overnight gradually become more easterly and ease through the day.

Chance of cloud free mountain/hill tops above 600m: Around 60% at first and again later with occasional cloud above 600m, but falling to near zero in any more persistent precipitation with cloud becoming periods above 600m and patches below.

Visibility: Very good or excellent falling to one or two kilometres in snow and perhaps a few hundred metres in any heavier snow.

Temperature: **Valleys:** Plus 1 or 2 Celsius at dawn rising to plus 3 or 4 Celsius by day.
At 600m: Zero Celsius falling to minus 2 Celsius
Freezing level: 600m falling to 450m

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